

NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession numbers 207184, or a complement thereof;

c) a nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184;

d) a nucleic acid molecule which encodes a fragment of a polypeptide comprising the amino acid sequence of any of SEQ ID NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession numbers 207184, or a complement thereof, wherein the fragment comprises at least 100 consecutive amino acid residues of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184;

e) a nucleic acid molecule which encodes a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NOs:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184, wherein the fragment comprises consecutive amino acid residues corresponding to at least half of the full length of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184; and

f) a nucleic acid molecule which encodes a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:381, wherein the nucleic acid molecule hybridizes with a nucleic acid molecule consisting of the nucleotide sequence of any of SEQ ID NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184, or a complement thereof under stringent conditions.

87. The isolated nucleic acid molecule of claim 86, which is selected from the group consisting of:

a) a nucleic acid having the nucleotide sequence of any of SEQ ID NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession numbers 207184, or a complement thereof; and

b) a nucleic acid molecule which encodes a polypeptide having the amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184 or a complement thereof.

88. The nucleic acid molecule of claim 86, further comprising vector nucleic acid sequences.

89. The nucleic acid molecule of claim 86 further comprising nucleic acid sequences encoding a heterologous polypeptide.

90. A host cell which contains the nucleic acid molecule of claim 86.

91. The host cell of claim 86 which is a mammalian host cell.

92. A non-human mammalian host cell containing the nucleic acid molecule of claim 86.

93. An isolated polypeptide selected from the group consisting of:

a) a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184;

b) a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of SEQ ID NO:381, wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes with a nucleic acid molecule consisting of the nucleotide sequence of any of SEQ ID NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession numbers 207184, or a complement thereof under stringent conditions; and

c) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence which is at least 90% identical to a nucleic acid consisting of the nucleotide sequence

of any of SEQ ID NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession numbers 207184, or a complement thereof.

94. The isolated polypeptide of claim 93 having the amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184.

95. The polypeptide of claim 93, wherein the amino acid sequence of the polypeptide further comprises heterologous amino acid residues.

96. An antibody which selectively binds with the polypeptide of claim 93.

97. A method for producing a polypeptide selected from the group consisting of:

a) a polypeptide comprising the amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184;

b) a polypeptide comprising a fragment of the amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184, wherein the fragment comprises at least 100 contiguous amino acids of any of amino acid sequence of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184; and

c) a naturally occurring allelic variant of a polypeptide comprising the amino acid sequence of any of SEQ ID NO:381, or a complement thereof, wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes with a nucleic acid molecule consisting of the nucleotide sequence of any of SEQ ID NOs:379, 380, and the nucleotide sequence of any of the clones deposited as ATCC® Accession numbers 207184, or a complement thereof, wherein the fragment comprises at least 100 consecutive amino acid residues of SEQ ID NO:381 or the amino acid sequence encoded by the nucleotide sequence of any of the clones

deposited as ATCC® Accession number 207184, or a complement thereof under stringent conditions;

the method comprising culturing the host cell of claim 90 under conditions in which the nucleic acid molecule is expressed.

98. The isolated nucleic acid of claim 86, wherein the isolated nucleic acid comprises a portion having the nucleotide sequence SEQ ID NO:380.

99. An isolated nucleic acid molecule comprising a nucleotide sequence which encodes a naturally-occurring integrin alpha subunit polypeptide comprising an amino acid sequence at least 95% identical to the amino acid sequence of SEQ ID NO:381, or the amino acid sequence encoded by the nucleotide sequence of any of the clones deposited as ATCC® Accession number 207184.

100. The nucleic acid molecule of claim 99, wherein the polypeptide comprises a SRR domain.

101. The nucleic acid molecule of claim 99, wherein the polypeptide comprises a SRCR domain.

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